42” Class Professional Full HD LCD Display

Preliminary

TH-42LF30U

Bright, Full HD (1920 x 1080) Professional LCD Display

The TH-42LF30U is ideal for a public information display panel that has the following benefits:

- High brightness (700 cd/m²)
- Anti image sticking panel
- Wide viewing angle with an IPS panel
- Portrait use possible

A Host of Input Terminals Plus SLOT2.0 Compatibility Boost Expandability

The SLOT2.0 function slot on the TH-42LF30U greatly expands the display's range of applications. It lets you mount an optional function board to suit your application. It also features a variety of input terminals, including DVI-D In/Out and RS-232C In/Out, for connection of up to 100 displays in a daisy chain configuration for greater operating efficiency.

A Narrow Bezel

The bezel on the TH-42LF30U is only 0.72-inch (18.3 mm) wide. This allows it to blend in with the installation space and gives greater visibility to the images on display. The bezel is also less noticeable in multi-screen displays, for effective large-screen applications.

Eco Mode

A light sensor detects the ambient light level and controls the brightness of the backlight accordingly. This maintains optimum display brightness. It also helps to save energy by reducing the backlight power consumption.

Specifications

MODEL	TH-42LF30U
DISPLAY PANEL	
Screen Size (Diagonal)	42.0-inch (1,067 mm)
Aspect Ratio	16 : 9
Effective Display Area (W x H)	36.6” x 20.6” (930 x 523 mm)
Number of pixels (H x V)	1,920 x 1,080 pixels
Brightness (Typ)	700 cd/m²
Contrast Ratio	1,200 : 1 (T.B.D.)
Response Time	9 ms (G to G)
Viewing Angle (Horizontal/Vertical)	178° / 178°
Orientation	Landscape / Portrait
CONNECTION TERMINAL	
VIDEO IN	BNC x 1
AUDIO IN	RCA (L/R) x 1 set
HDMI IN	HDMI TYPE A Connector x 2 (Deep Color Compatible)
COMPONENT/RGB IN	BNC x 3
AUDIO IN	RCA (L/R) x 1 set
DVI-D IN	DVI-D 24 pin (HDCP Compatible) x 1
DVI-D OUT	DVI-D 24 pin (HDCP Compatible) x 1
PC IN	MINI D-SUB 15 pin x 1 Plug & Play (VESA DDC 2B)
AUDIO IN (for DVI-D/PC)	M3 JACK x 1
SLOT	SLOT2.0 Compatible
CONTROL TERMINAL	
SERIAL IN	D-SUB 9 pin x 1
SERIAL OUT	D-SUB 9 pin x 1
ELECTRICAL	
Power Requirements	110-127 V AV, 50 Hz/60 Hz
Power Consumption	300 W (T.B.D.)
Stand-by Condition	0.5 W (T.B.D.)
Power Off Condition	0.3 W (T.B.D.)
AUDIO	
Built-in Speakers	10 W [5 W + 5 W] (10 % THD)
MECHANICAL	
Dimensions (W × H × D)	38.2” x 22.1” x 4.5” (968 x 561 x 115 mm)
Bezel Depth	0.72” (18.3 mm)
Weight	Approx. 41.9 lbs. (19 kg)
Cabinet Material/Color	Plastic / Black
Mounting Method	VESA 15.8” x 15.8” (400 x 400 mm)
ENVIRONMENTAL	
Operating Environment	Temperature 32 to 104 °F (0 to 40 °C)
	Humidity 20% to 80% (Non Condensation)

Simulated pictures on screen. Specifications are subject to change without notice.

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